

ER-2 #809 03/28/17

Aircraft:

[ER-2 #809](#) ([See full schedule](#))

Flight Number:

17-9022

Payload Configuration:

AVIRIS-NG, CPL, CRS, EXRAD, FECS, GCAS, LIP, S-HIS

Nav Data Collected:

No

Total Flight Time:

6.4 hours

Comments:

Repeated GOES-R ABI validation flight over the Sonoran Desert in Mexico, an underflight of the S-NPP/VIIRS satellite, and an instrument calibration over Ivanpah. Also flew two passes over Red Lake dry lakebed in northwest Arizona. All data collection sites were cloud free. Note that the INU was drifting after the Sonoran Desert pass. Pilot was Dean Neeley.

Submitted by:

Ken Norlin on 03/28/17

Flight Segments:

From:	PMD	To:	PMD
Start:	03/28/17 16:28 Z	Finish:	03/28/17 22:50 Z
Flight Time:	6.4 hours		
Log Number:	172009	PI:	Francis Padula
Funding Source:	Steven Goodman - NOAA - GOES-R Program Senior Scientist		
Purpose of Flight:	Science		

Flight Hour Summary:

	162009	172009
Flight Hours Approved in SOFRS		100
Total Used	0	103.9
Total Remaining		-3.9

172009 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
12/19/16	17-6007	Check	0.5	0.5	99.5
03/21/17	17-9020	Check	4.9	5.4	94.6
03/23/17	17-9021	Science	5.7	11.1	88.9
03/28/17	17-9022	Science	6.4	17.5	82.5
04/06/17	17-9023	Check	0	17.5	82.5
04/11/17	17-9024	Transit	4.7	22.2	77.8
04/13/17	17-9025	Science	3.9	26.1	73.9
04/16/17	17-9026	Science	7.8	33.9	66.1
04/18/17	17-9027	Science	6.2	40.1	59.9
04/20/17 - 04/21/17	17-9028	Science	7	47.1	52.9
04/22/17 - 04/23/17	17-9029	Science	5.9	53	47
04/27/17	17-9030	Science	5.3	58.3	41.7
04/29/17	17-9031	Science	7.9	66.2	33.8
05/07/17	17-9032	Science	5.4	71.6	28.4
05/08/17	17-9033	Science	9	80.6	19.4
05/12/17	17-9034	Science	7.7	88.3	11.7
05/14/17	17-9035	Science	7.8	96.1	3.9
05/17/17	17-9036	Transit	7.8	103.9	-3.9

Source URL: https://airbornescience.nasa.gov/flight_reports/ER-2_809_03_28_17

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

